

THEREC

Company Profile



Total Package, Design & Built, for Powder Processing & Monitoring system and Pneumatic Conveying system

Power Processing & Monitoring

Powder & Bulk Material Silo Managing System

Powder & Bulk Raw Material Receipting System

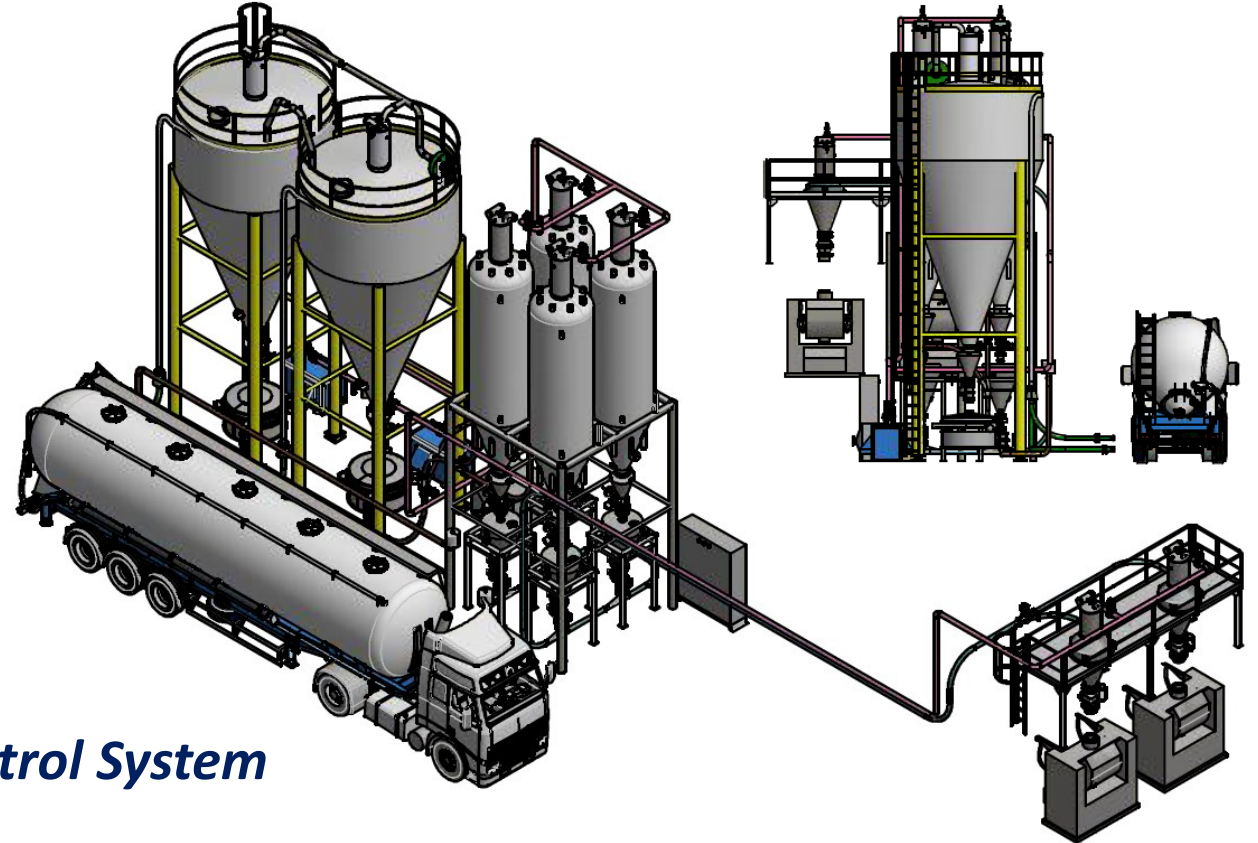
Powder & Bulk Raw Material Weighting System

Powder Mixing & Screening System

Powder Extruding Material Handling System

Powder & Bulk Material Bag Filling System

Powder & Bulk Material Production Process Control System



Pneumatic Conveying Designer

Silo Loading & Unloading System

Bulk Truck Loading & Unloading System

Big Bag & Small Bag Unloading System

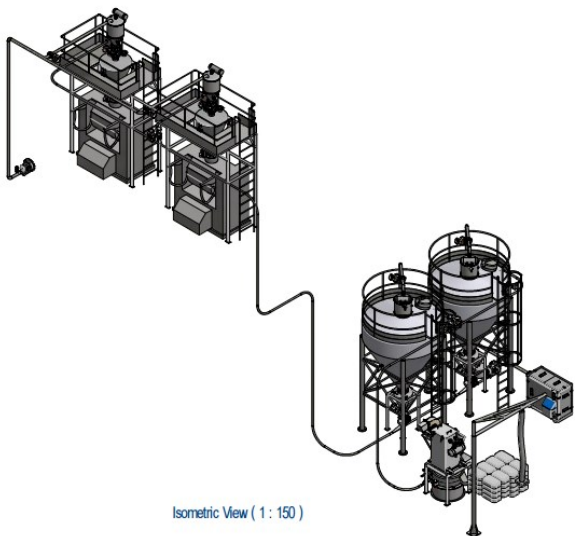
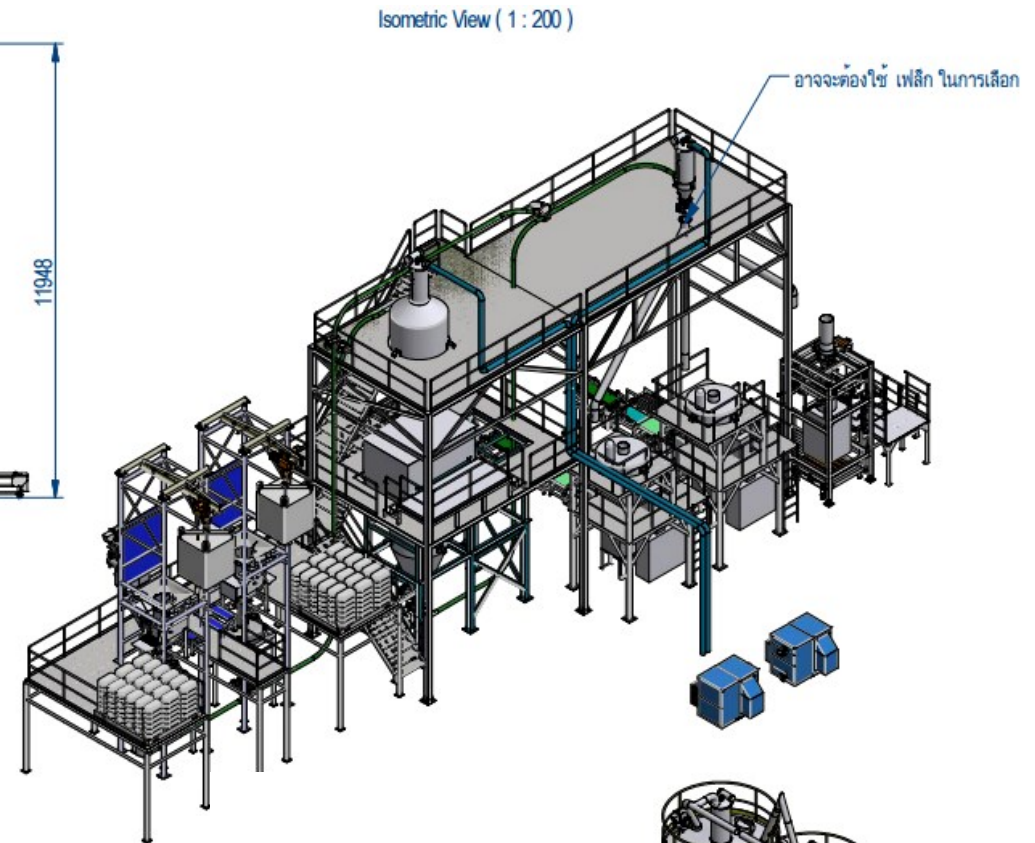
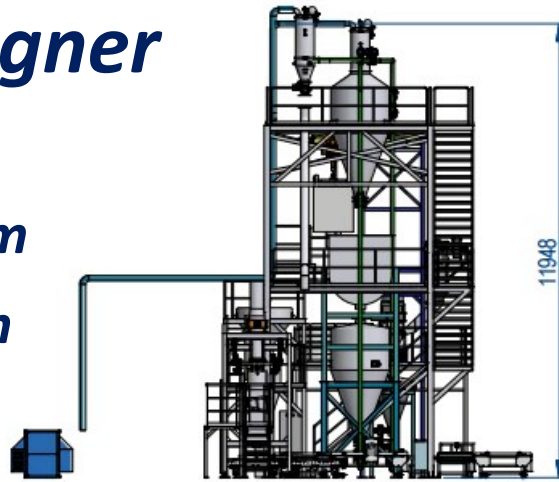
Mixer Loading & Unloading System

Tote Bin Loading & Unloading System

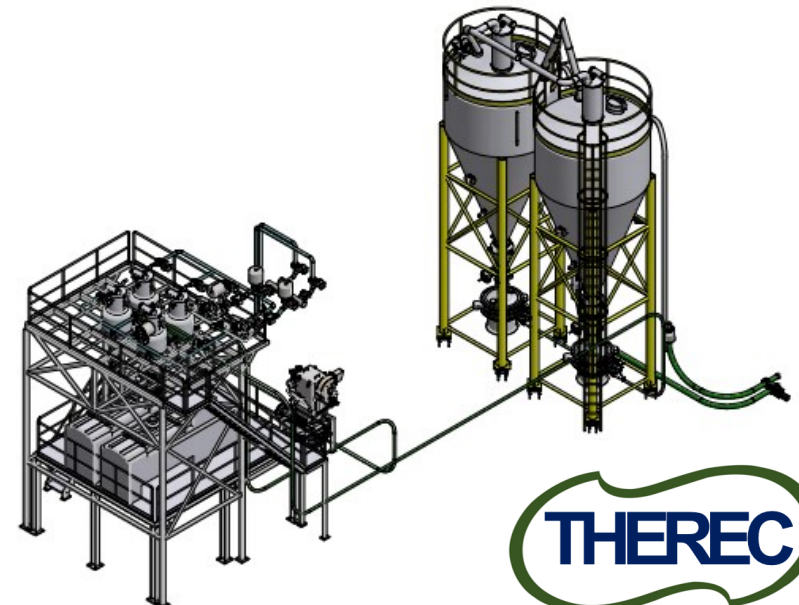
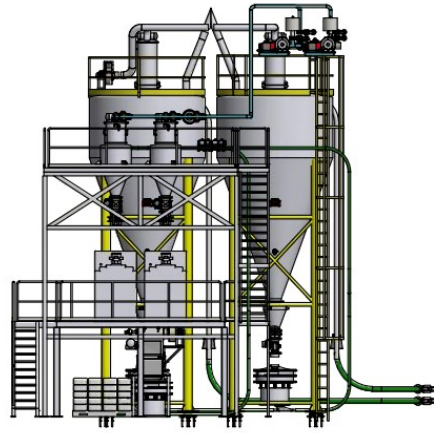
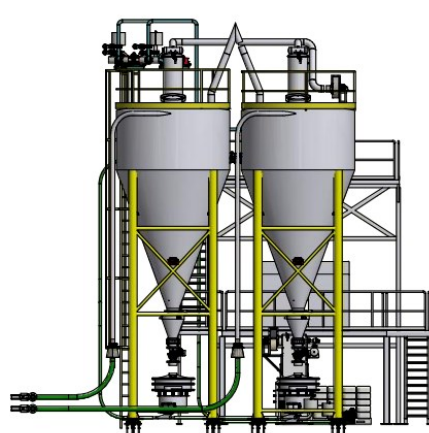
Powder Material Extruder Loading System

Packing & Filling Machine Loading System

Production Line & Production Machine Loading System



Isometric View (1 : 150)



Food Powder & Grain Handling Equipment Maker & Importer for

Food Powder Sea Bulk Loading / Container Loading / Bulk Truck Loading / Big Bag Filling

Food Powder Bulk Truck Unloading / Container Unloading / Big Bag & Small Bag Unloading

Food Powder Tank & Silo Loading, Unloading and Weighting

Food Powder Manufacturing Process, Powder & Grain Pneumatic Conveying & Weighting



Food Powder Handling Machine & Component Maker

Silos / Tank / Hopper / IBC Bin / Receiver /Dumper / Bag Filter / Cyclone

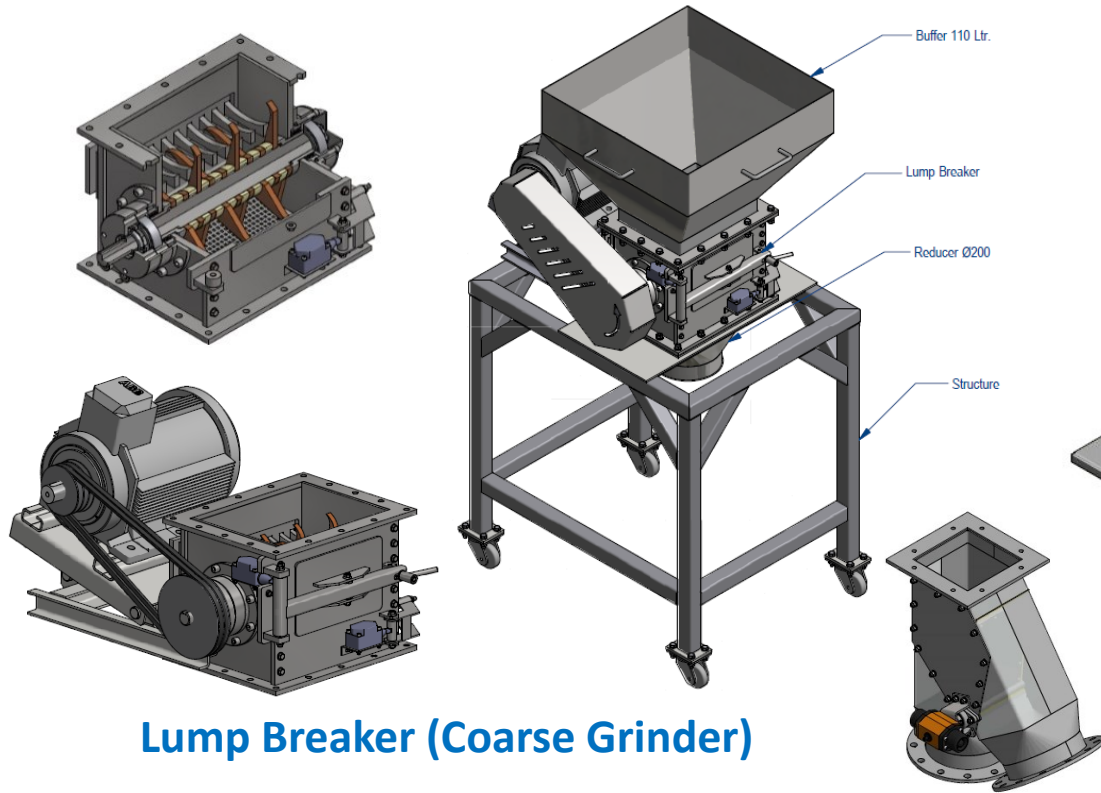
Big Bag Unloading Station / 25 kg Bag Dumping Station / Tote Bin (INC BIN) Unloading Station

Big Bag Filling Machine / 25 kg Bag Filling Machine / Process Weighting Station

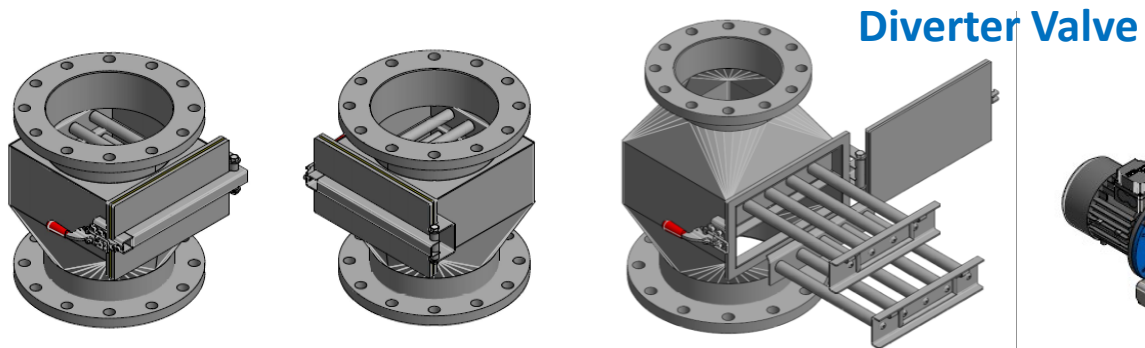
Pneumatic Conveying Component, Rotary Valve / Diverter Valve / Lump Breaker / Blower Package



Powder Handling Machine & Component Manufacturer



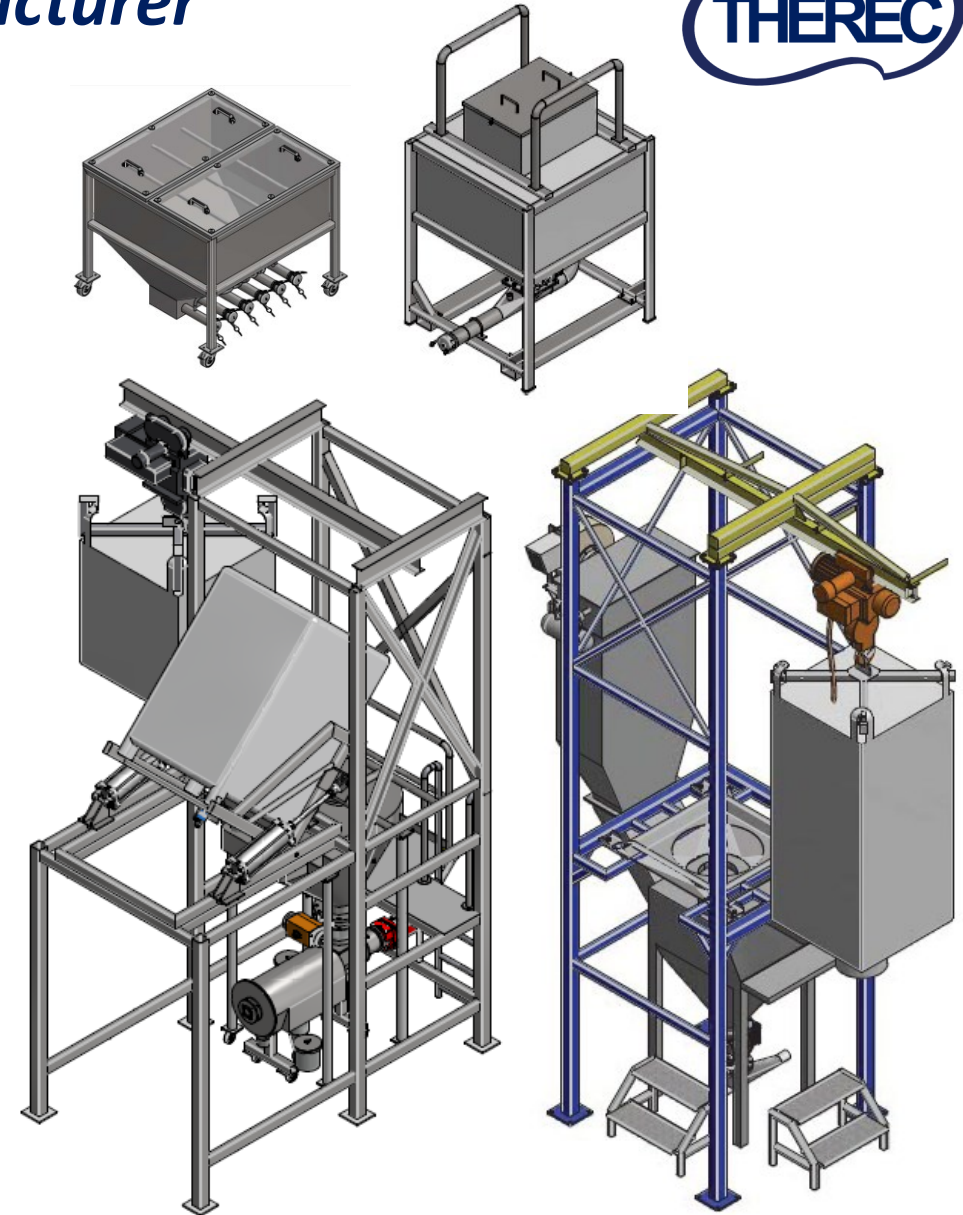
Lump Breaker (Coarse Grinder)



Magnetic Separator

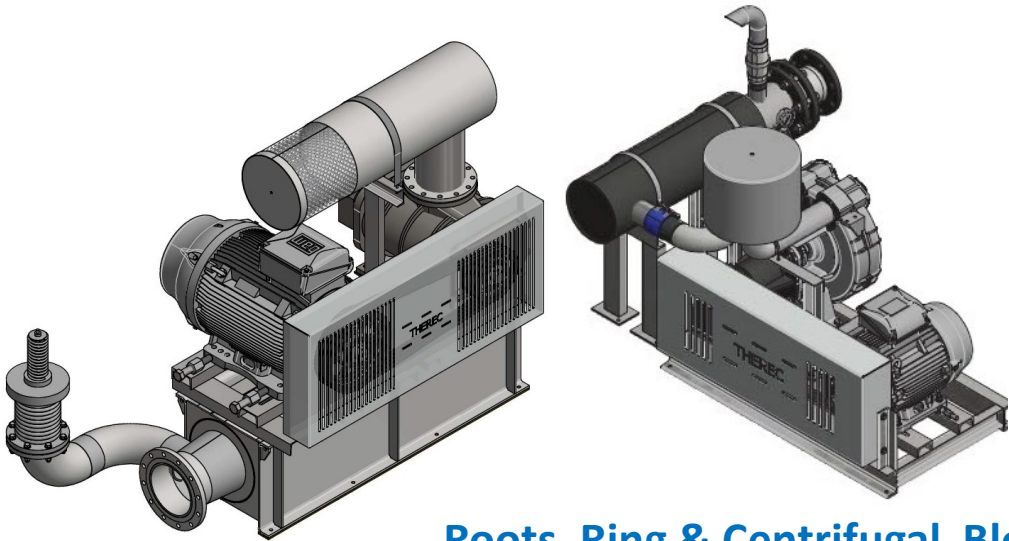


Bridge Breaker

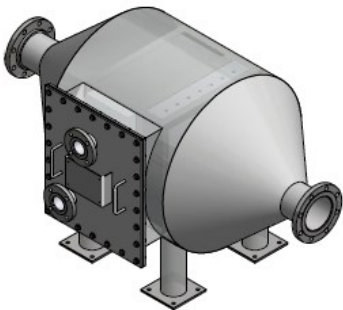
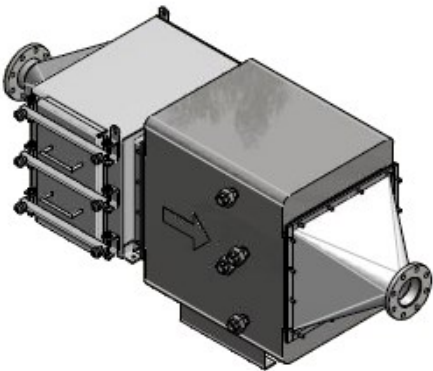
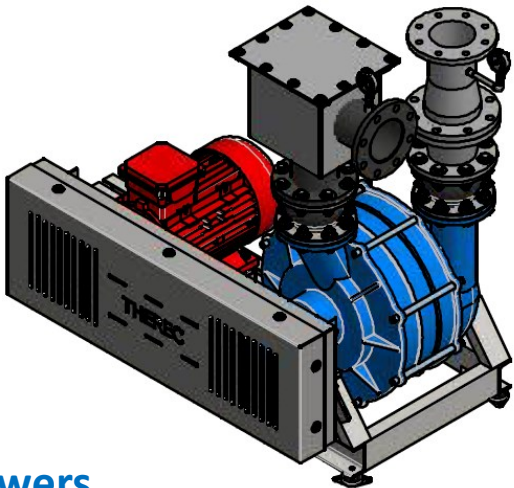


Bag & Bin Unloading Station

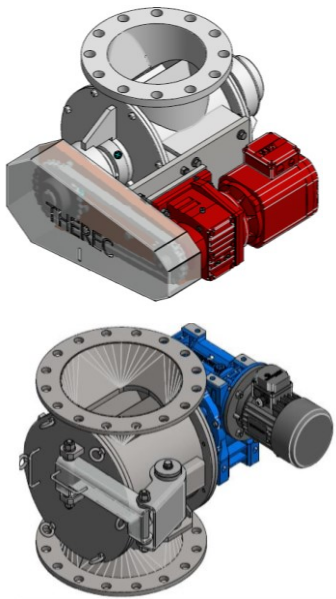
Pneumatic Conveying Machine & Component Manufacturer



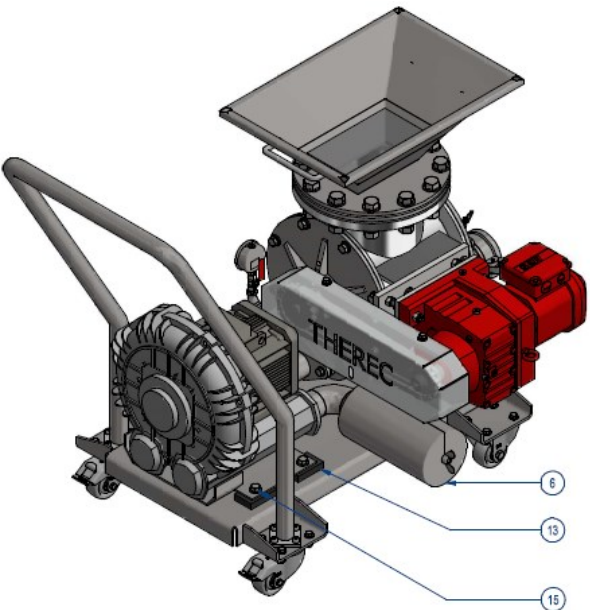
Roots, Ring & Centrifugal Blowers



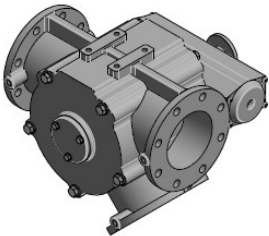
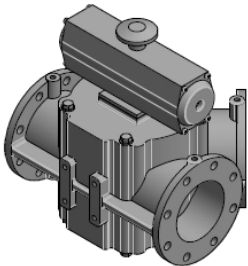
Air Cooler, Filter & Dryer



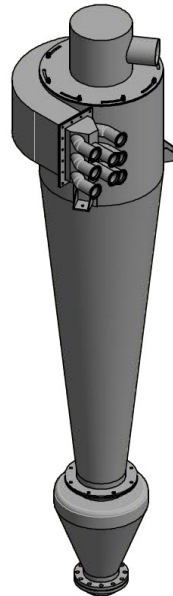
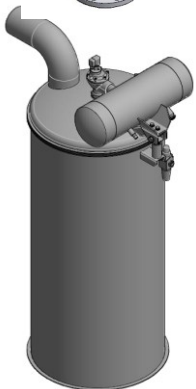
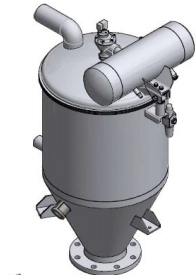
Air Lock Rotary Valve



Tube, Bend, Ejector & Coupling

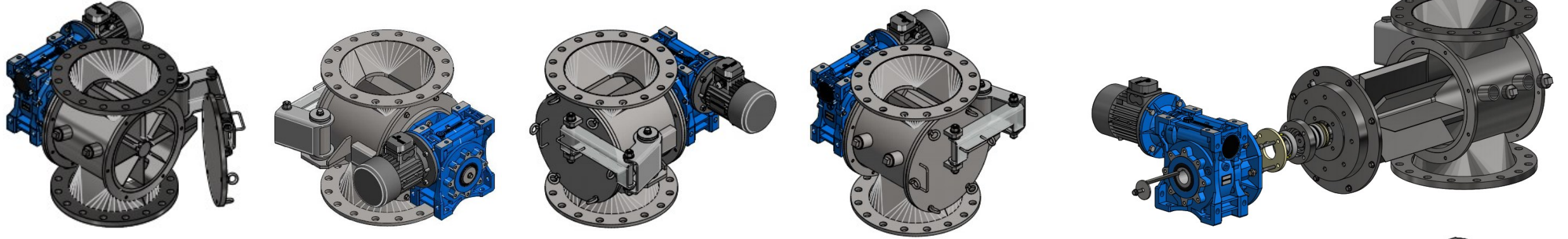


Diverter Valve

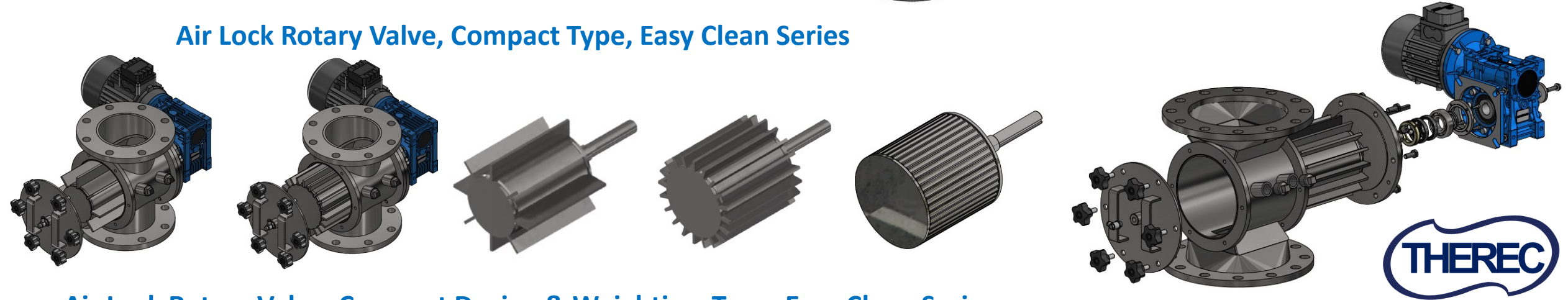


Bag Filter & Cyclone

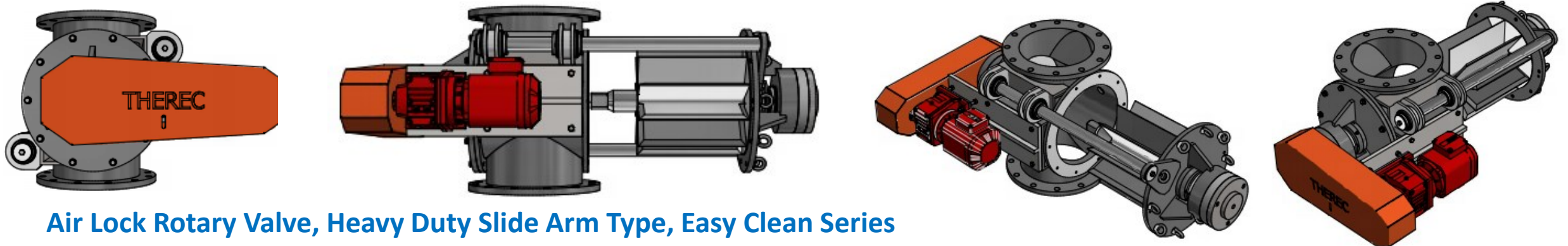
Food Grade Easy Clean Feeding, Dossing & Conveying Rotary valve



Air Lock Rotary Valve, Compact Type, Easy Clean Series

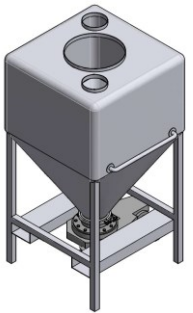
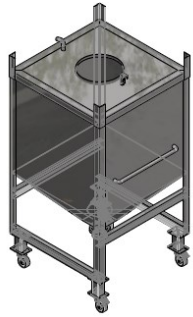


Air Lock Rotary Valve, Compact Dosing & Weighting Type, Easy Clean Series



Air Lock Rotary Valve, Heavy Duty Slide Arm Type, Easy Clean Series

Powder and Bulk Material Hopper, Bin, Tank & Silo Manufacturer



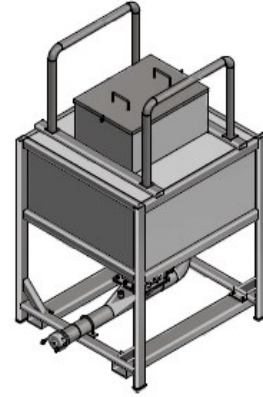
Tote Bin



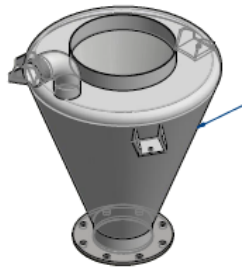
Storage Bin



Mobile Storage Bin



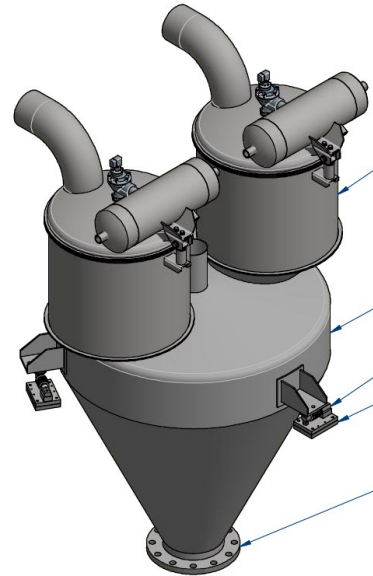
Dumping Bin



Surge Hopper



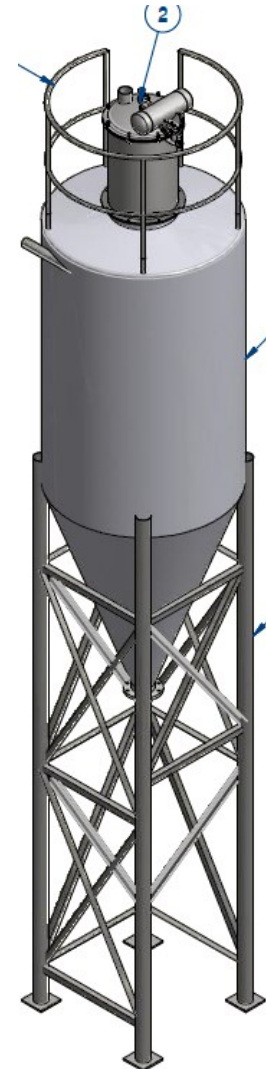
Weighting Hopper



Receiving Hopper



Storage Hopper



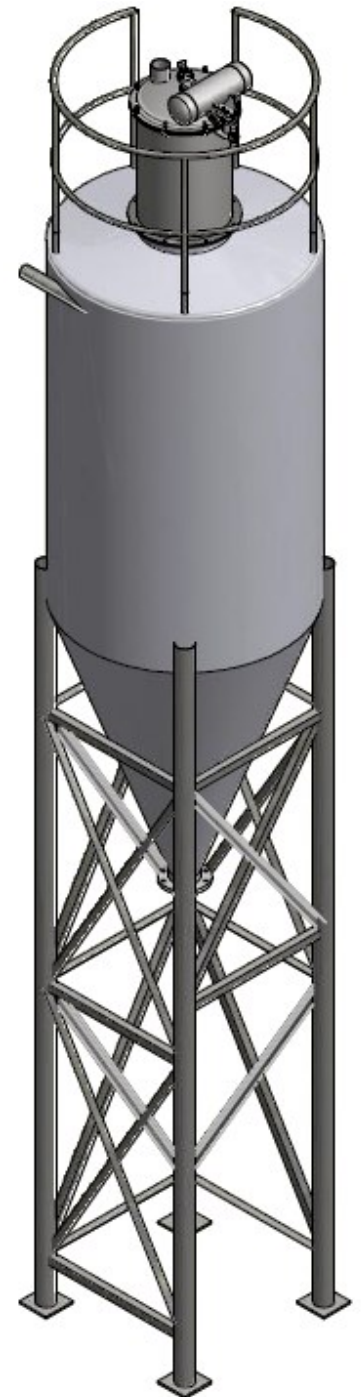
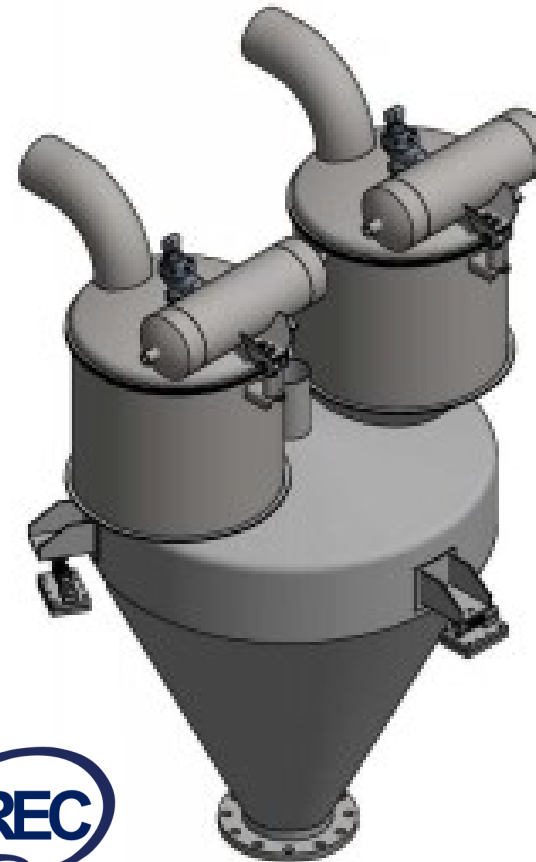
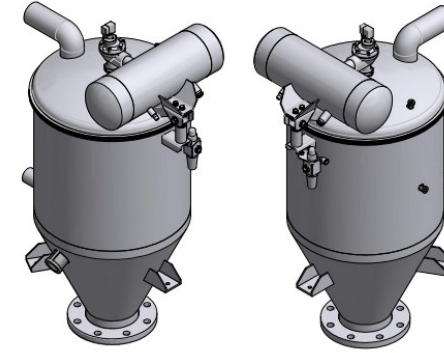
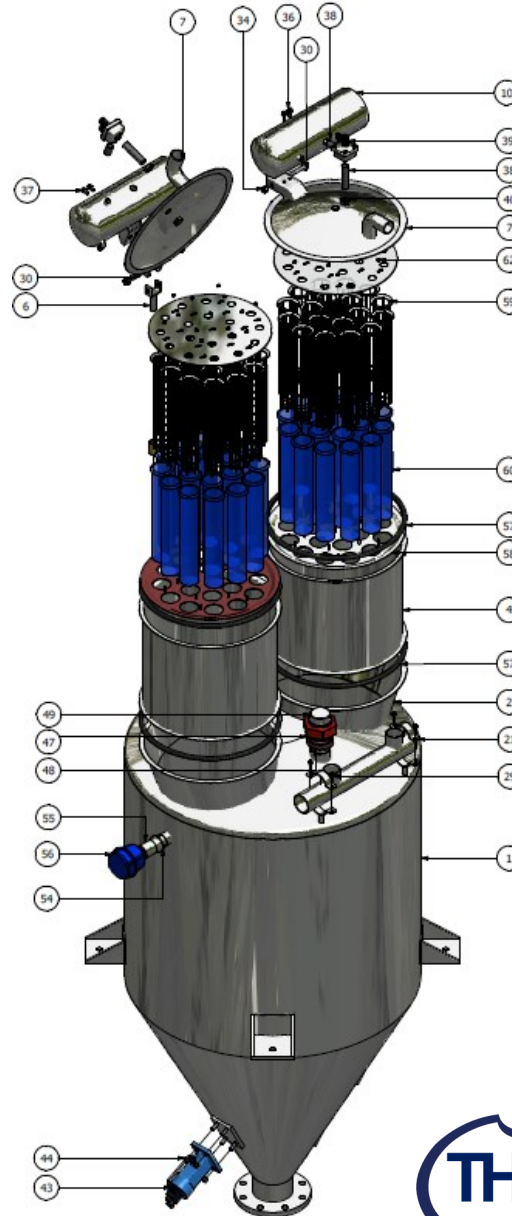
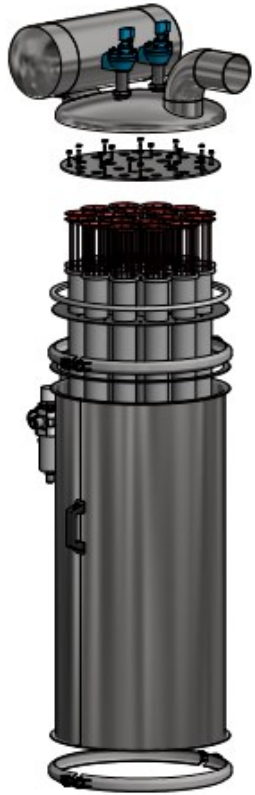
Buffer Silo



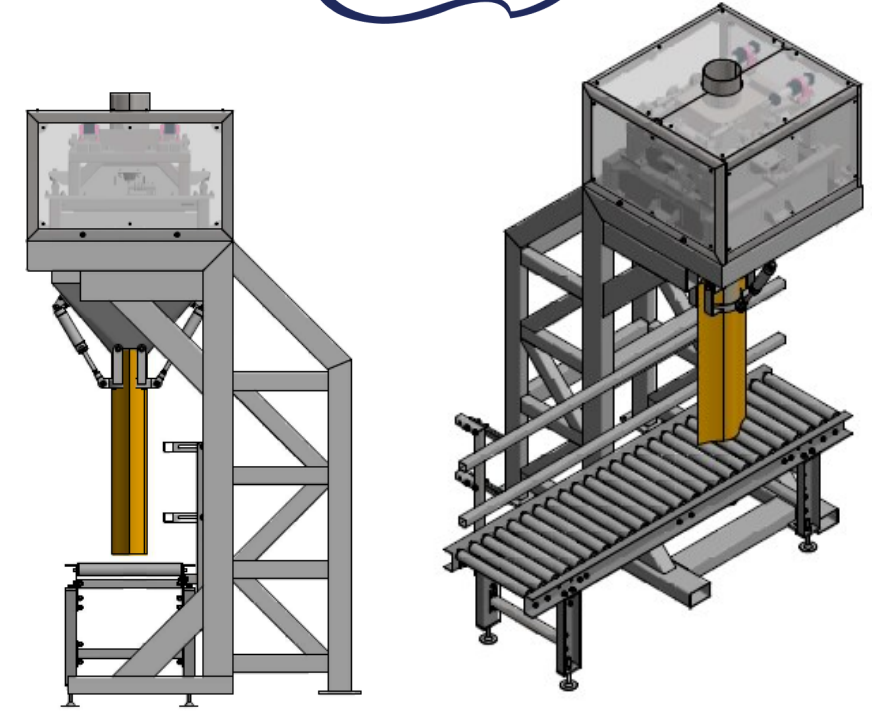
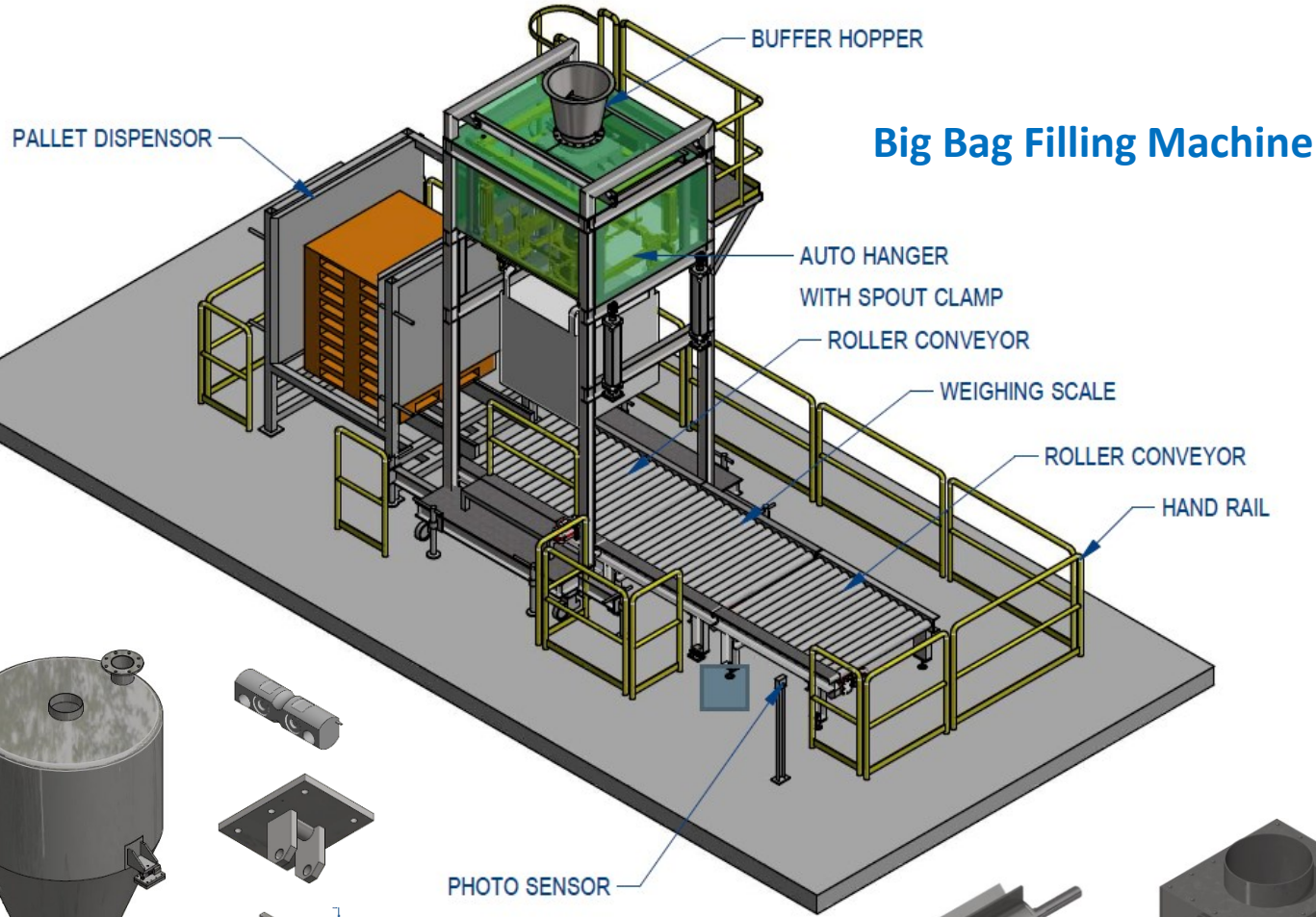
Main Storage Silo

Food Grade Easy Clean Bag Filter & Receiver Manufacturer

- Easy Detachable Structure
- Round & Compact Filter
- Clean Easier by Jet Pulse
- Strong Robust Round Body
- Deep Vacuum Operation
- Light Weight
- Food Grade Design
- Polished Internal Surface
- Quick Clamping System



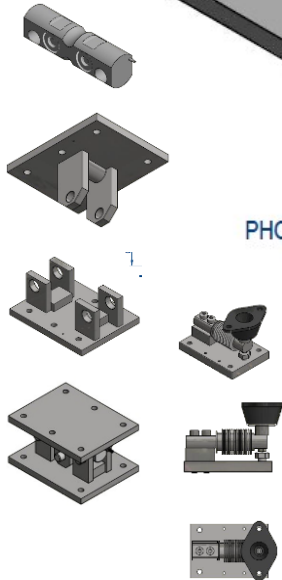
Filling & Weighting Machine & Component Manufacturer



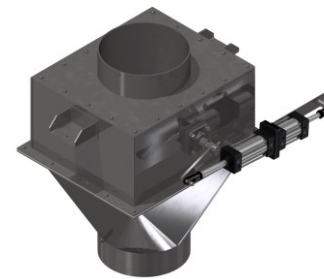
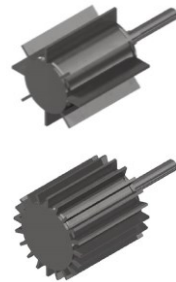
25 kg Bag Filling Machine



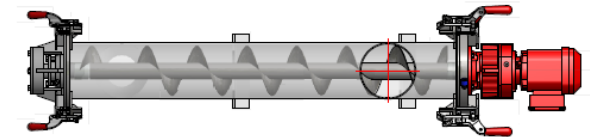
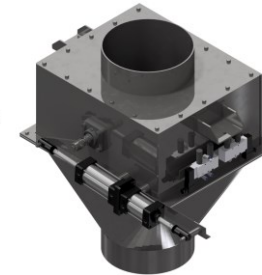
Weighting
Hopper
& Load Cell



Dosing Rotary Valve

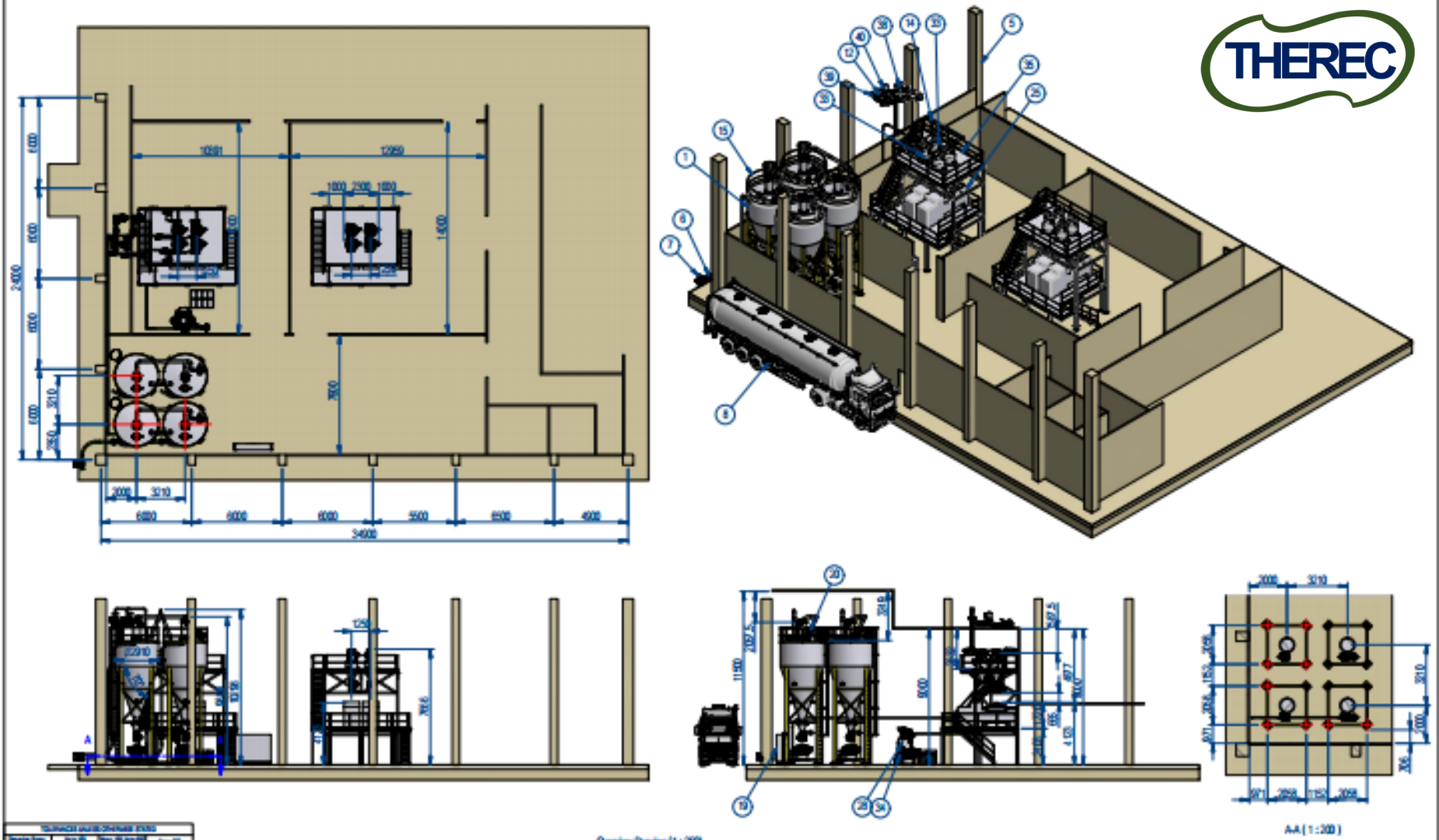


Cut-Off Valve



Dosing Screw Conveyor

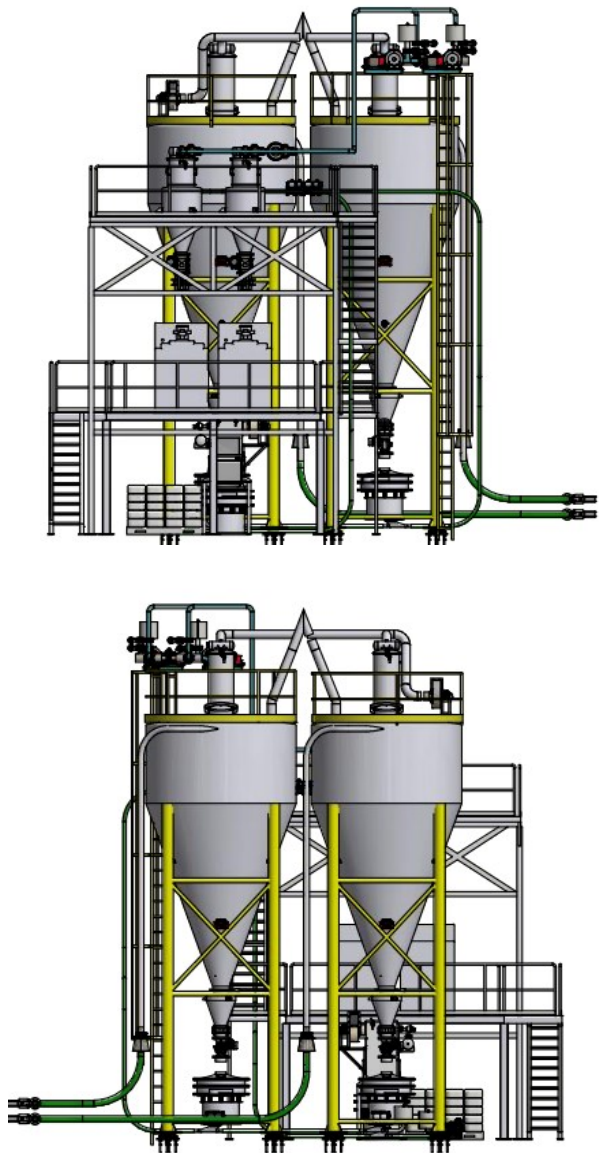
Weighting & Dosing Equipment



EQUIPMENT AND DIMENSION TABLE			
Equipment Name	Spec No.	Spec No.	Spec No.
Scale/Label	1:100	1:100	1:100
Material	1:100	1:100	1:100
Structure	1:100	1:100	1:100
Size	1:100	1:100	1:100
Volume	1:100	1:100	1:100
No. Dimensions	Regular roof		

					Customer	 Therec Corporation Ltd. Bangkok, THAILAND Tel: (66) 88 9035-4 Fax: (66) 880 9035 E-Mail: info@therec.com.th http://www.therec.com.th	Design: Somchai C. Date: 28-Aug-24 Checked: PICHIT T. Date: Scale: Unit: mm	Material: Finish: DRAWING TITLE: Pneumatic Conveying System_Ase DRAWING NUMBER: AS-24-OCT-PCS-P80-7-Index01	11 September 2024
Rev.	Rev. Description	Date	By	Approve					

Noodle Manufacturing Material Handling, Weighting, Screening & Mixing System

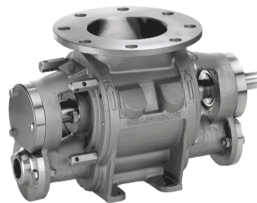


Equipment Imported Product



ROOTS

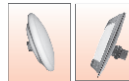
IR Ingersoll Rand.



MORRIS
COUPLING COMPANY



DMN
WESTINGHOUSE



MIX S.r.l.
MIXING SYSTEMS AND
COMPONENTS FOR PLANTS



FPZ
BLOWER TECHNOLOGY

ATEX



CHSUN

FineTek
Innovation · Quality · Sharing



FineTek
Innovation · Quality · Sharing

mütec
Instruments



SODECA

Explosive atmospheres ATEX



SAVIO S.r.l.
AIR TECHNOLOGY

ATEX



VOLKMANN
IDEAS AHEAD



Thames Side

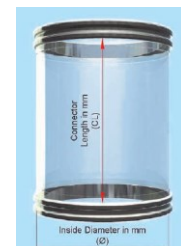


stif

VIGILEX



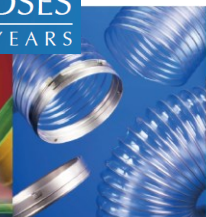
ATex
INTERNATIONAL



BFM
fitting
"Keeping You Connected"



QUALITY HOSES
FOR OVER 65 YEARS

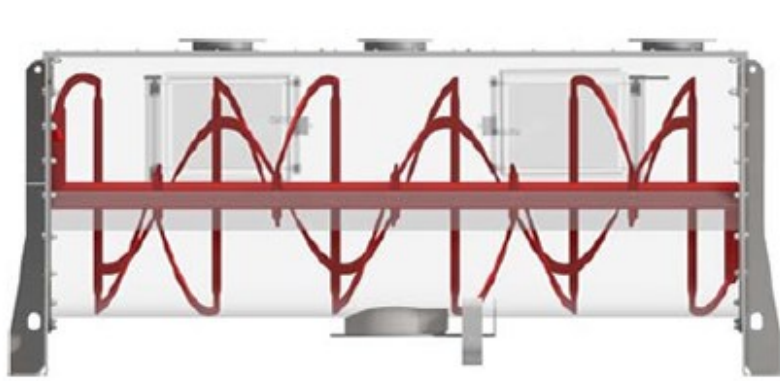


FLEXAUST
Flexible Hose • Ducting • Accessories

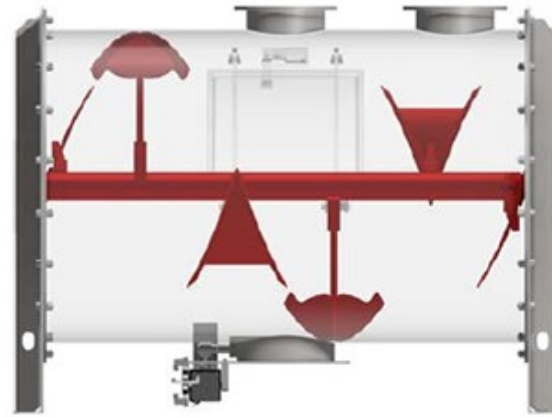
Powder and Bulk Material Mixer & Screener Imported Product



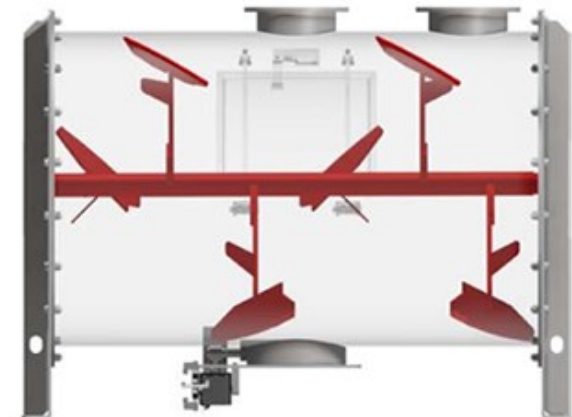
MIX S.r.l.
MIXING SYSTEMS AND
COMPONENTS FOR PLANTS



Screw (Ribbon)



Ploughshare



Mix Paddle



Food Grade Easy Clean Mixer



Lab Scale Ribbon & Paddle Mixer



Vibro Separator

NAVECTOR
— 纳维加特 —



The 30th Year of
Solution & Service



-1997 Start the journey of being the official distributor of **Dresser Holmes Roots UK** the original Roots blower

-1999 Being Distributor of **DMN Westinghouse / Netherland** Rotary & Diverter valve
-First Pneumatic Conveying Project
First Bulk Bag unloading station in-house design and made For Sugar / syrup making **Dutched Mill Co.,Ltd.**



-2002 First TRC Diverter valve in-house design and made For pneumatic handling system **Thai Wah Food Co.,Ltd.**

-2004 First food grade stainless steel silo for milk powder **Diry Plus Co.,Ltd.**



-1993 Starting of **Siam Complex Technology Co.,Ltd.** Stainless steel piping contractor & Food processing Company

-1996 Established year of TRC Imported High Pressure Blowers Sales & Service Company **Therac Corporation Ltd.**

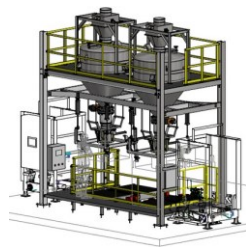
-1998 Start to be the distributor of **Young Industry Inc. USA** Bulk material Handling Turn-Key company
-Start our own work shop to do The Blower Package locally
Only imported the bare shaft unit from USA

-2000 First TRC rotary valve for pneumatic conveying system in-house design and made **BKK Waste Water Treatment Plant / Dindeang**



-2005 The first Central Vacuum Cleaning System, by THEREC in-house design and made **Siam Yamato Co., Ltd**

-2007 New work shop in Bangbon Machining and Fabrication shop Machine Service Center
-Start to work as the distributor of **J&D Silo / Netherland** For plastic pellet Aluminium Silo



-2015 First Automatic High Speed Big Bag Filling machine Design and Made By THEREC **TPE / SCG Plastic group**

-2013 Start TRE work shop For Bulky Structure in Nikompatana Rayong
-First project sales of **J&D Silo / Netherland** For plastic pellet Aluminium Silo 4 units of 200 m3 Stand-Riv Silos



-2024 Get the good start of success to get the project abroad in Laos, Vietnam and New Zealand

-2020 Starting to focus on design and built process turn-key business With nearly all of the equipment and machine import and produce by our companies / Serious Trying to looking for the opportunity to expand the market abroad

-2019 The first Sea bulk loading system, for PE pellet Oversea Turn-key project **Petron / Philippine**



-2014 Separate the fabricate section of TRE to be new company For Stainless steel work / Hopper & Silo Start TRT work shop in Nontaburi **TRT Factory Co.,Ltd.**



-2012 Separate the project department to be new company **Therac Engineering Co.,Ltd.**

-2008 The first Sea bulk loading system, for PE pellet in-house design and made **TPE / SCG Plastic group**

THEREC CORPORATION LTD.

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